



National Weather Service

Storm Data and Unusual Weather Phenomena



March 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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OHIO, North

OHZ012>014

Lake - Geauga - Ashtabula

03	1800EST	0	0	160K	Heavy Snow
04	2000EST				

Westerly flow caused lake effect snow showers to develop during the afternoon of the 3rd with the heaviest snow falling during the early morning hours of the 4th. Up to 14 inches of snow fell in Ashtabula County with around 10 inches in Lake County and 6 inches in northern Geauga County.

OHZ003-006>014-
017>023-027>033-
036>038-047

Lucas - Wood - Ottawa - Sandusky - Erie - Lorain - Cuyahoga - Lake - Geauga - Ashtabula - Hancock - Seneca - Huron - Medina - Summit - Portage - Trumbull - Wyandot - Crawford - Richland - Ashland - Wayne - Stark - Mahoning - Marion - Morrow - Holmes - Knox

09	1430EST	2	8	8.8M	High Wind (G55) ^M
10	0200EST				

A strong and very fast moving cold front raced east across northern Ohio during the late afternoon and early evening hours. Damaging winds occurred along and behind this front. A 41 year old male was struck and killed by a falling tree in Lorain (Lorain County). A second fatality occurred in Cuyahoga Falls (Summit County) when a 63 year old male was struck and killed by a falling tree. Peak wind gusts include: 69 mph at Toledo Express Airport (Lucas County) at 258 pm; 55 mph at Mansfield Lahm Airport (Richland County) at 415 pm; 63 mph at Findlay Airport (Hancock County) at 423 pm; 62 mph at the Lorain County Airport at 429 pm; 62 mph at Cleveland Hopkins Airport (Cuyahoga County) at 448 pm; 58 mph at Toledo Metcalf Airport (Wood County); 53 mph at the Wayne County Airport at 454 pm; 51 mph at the Ashtabula County Airport at 517 pm; 60 mph at Akron-Fulton Airport (Summit County) at 520 pm; 62 mph at Akron-Canton Airport (Summit County) at 523 pm; 63 mph at the Youngstown-Warren Regional Airport (Trumbull County) at 607 pm; 54 mph at the Marion County Airport at 610 pm. Other measured wind gusts include; 100 mph at Bowling Green (Wood County); 78 mph at the Huron County Airport; 75 mph at Burton (Gauga County); 75 mph at Fremont Airport (Sandusky County); 74 mph at Louisville (Stark County); 65 mph at Medina (Medina County). Thousands of trees and hundreds of power poles were downed in northern Ohio. Widespread power outages occurred with several hundred thousand people without power at the peak of the storm. Over a million dollars in damage occurred at a school construction site in Struthers (Mahoning County). A fire truck responding to an emergency was blown over in Trumbull County injuring two people. Three mobile homes were destroyed in Sandusky County injuring three people. Two additional people were injured by a falling tree in Ravenna (Portage County). A large poultry farm building was leveled in Marion County. A large building collapsed in North Baltimore (Wood County) and damaged two adjacent buildings forcing the closure of three businesses. A woman was seriously injured in Maple Heights (Cuyahoga County) by flying glass and debris. Several buildings were destroyed in Wyandot County and an historic covered bridge was severely damaged. Two homes were destroyed in Ottawa County. Two cargo containers were blown off of a moving train and into Sandusky Bay (Erie County). Other buildings were destroyed in Seneca, Hancock, Crawford, Morrow, Ashland and Stark counties. Hundreds of other buildings sustained damage and over 100 cars were damaged or destroyed by debris and fallen trees.

M41BF, M63UT

OHZ011>014

Cuyahoga - Lake - Geauga - Ashtabula

22	0000EST	0	0	325K	Heavy Snow
	2000EST				

Lake effect snow showers developed during the early morning hours behind a strong cold front. Westerly winds behind the front gusted to over 30 mph much of the day causing significant blowing and drifting and whiteout conditions. Snowfall measuring was hampered by the strong winds but accumulations were generally 4 to 6 inches with drifts up to several feet in depth



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OHIO, North

OHZ003-006>014-017>023-027>033-036>038-047 Lucas - Wood - Ottawa - Sandusky - Erie - Lorain - Cuyahoga - Lake - Geauga - Ashtabula - Hancock - Seneca - Huron - Medina - Summit - Portage - Trumbull - Wyandot - Crawford - Richland - Ashland - Wayne - Stark - Mahoning - Marion - Morrow - Holmes - Knox

24	2000EST	0	0	1.6M	Winter Storm
25	1800EST				

Heavy snow developed to the north of a stationary front stretching across far southern Ohio. Snow accumulations ranged from 6 to 8 inches. Some freezing rain also mixed with the snow south and east of a line from Marion to Mansfield to just north of Youngstown. The snow was very wet and heavy making conditions on untreated roadways very treacherous.

OHZ003-006>010-012>013-017>022-027>032-036>038-047 Lucas - Wood - Ottawa - Sandusky - Erie - Lorain - Lake - Geauga - Hancock - Seneca - Huron - Medina - Summit - Portage - Wyandot - Crawford - Richland - Ashland - Wayne - Stark - Marion - Morrow - Holmes - Knox

26	0100EST 2200EST	0	0	3.5M	Winter Storm
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Low pressure moved northeast across Ohio causing freezing rain to develop in advance of a warm front stretching east from the low. The freezing rain first began during the early morning hours south of a line from Marion to Akron. By daybreak the freezing rain had spread north to near Lake Erie. Ice accumulations of a quarter inch were reported most areas with ice accumulations of one half inch in portions of Holmes and Stark Counties. Cold air filtering into northern Ohio behind the low caused snow to develop during the afternoon and evening hours. Nearly 5 inches of snow fell in Lucas County with as much as 3 inches of snow as far east as Cleveland (Cuyahoga County). Little if any snow accumulated southeast of a Marion to Youngstown line. Very treacherous conditions existed on untreated roadways, especially during the morning hours.

PENNSYLVANIA, Northwest

PAZ001>003 Northern Erie - Southern Erie - Crawford

03	1800EST	0	0	225K	Heavy Snow
04	2000EST				

Westerly flow caused lake effect snow showers to develop during the afternoon of the 3rd with the heaviest snow falling during the early morning hours of the 4th. Nearly 15 inches of snow fell at Waterford in Erie County with 7 inches in northern Crawford County. Officially, 9.9 inches of snow fell at Erie International Airport.

PAZ001>003 Northern Erie - Southern Erie - Crawford

09	1730EST	0	0	550K	High Wind (G52) ^M
10	0400EST				

A strong and very fast moving cold front raced east across northwestern Pennsylvania during the early evening hours. Damaging winds occurred along and behind this front. A 60 mph gust was measured at the Meadville Airport (Crawford County) at 636 pm with a 55 mph gust at Erie International Airport (Erie County) at 758 pm. Many trees and power poles were downed and scattered power outages also occurred. Several dozen buildings and homes were damaged by the strong winds

PAZ001>002 Northern Erie - Southern Erie

10	0300EST 2000EST	0	0	400K	Heavy Snow
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Westerly winds behind a strong cold front caused lake effect snow showers to develop during the early morning hours. Up to 10 inches of snow fell across inland sections of Erie County with 4 to 6 inches of snow near Lake Erie. Westerly winds gusted in excess of 40 mph for much of the day causing whiteout conditions and significant blowing and drifting problems.

PAZ001>003 Northern Erie - Southern Erie - Crawford

22	0000EST 2000EST	0	0	300K	Heavy Snow
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PENNSYLVANIA, Northwest

Lake effect snow showers developed during the early morning hours behind a strong cold front. Westerly winds behind the front gusted to over 30 mph much of the day causing significant blowing and drifting and whiteout conditions. Snowfall measuring was hampered by the strong winds but accumulations were generally 4 to 8 inches with a maximum of 10 inches near Union City in southeastern Erie County. Snow drifts several feet in depth were reported.

PAZ001>003

Northern Erie - Southern Erie - Crawford

24	2000EST	0	0	200K	Winter Storm
25	1800EST				

Heavy snow developed to the north of a stationary front stretching across southern Ohio and West Virginia. Snow accumulations ranged from 6 to 8 inches with a maximum of 8.3 inches at Erie International Airport. The snow was very wet and heavy making conditions on untreated roadways very treacherous.